INTERNATIONAL SEARCH REPORT

International Application No
I/IB2004/051080

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06K19/077 H01L23/498

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G06K} & \mbox{H01L} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

Calegory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 291 877 B1 (TASE TAKASHI ET AL) 18 September 2001 (2001-09-18) column 7, line 51 - column 9, line 9 column 10, line 38 - column 11, line 8	1-20
A	US 5 012 236 A (DEMICHELE GLENN A ET AL) 30 April 1991 (1991-04-30) column 1, line 14 - column 2, line 44	18
A	US 2002/048907 A1 (MIYAMOTO TOSHIO ET AL) 25 April 2002 (2002-04-25) paragraph '0041! - paragraph '0059! paragraph '0121! - paragraph '0122!	1-20
Α	US 5 192 716 A (JACOBS SCOTT L) 9 March 1993 (1993-03-09) column 1, line 15 - column 4, line 51	6,7

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.				
*Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filling date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filling date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 				
Date of the actual completion of the international search	Date of mailing of the international search report				
15 October 2004	25/10/2004				
Name and mailing address of the ISA European Palent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (-331-70) 300 200 71 21 555 200 200 71	Authorized officer				
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Gronau von, H-C				

INTERNATIONAL SEARCH REPORT

International Application No
T/IB2004/051080

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